

FG. 1

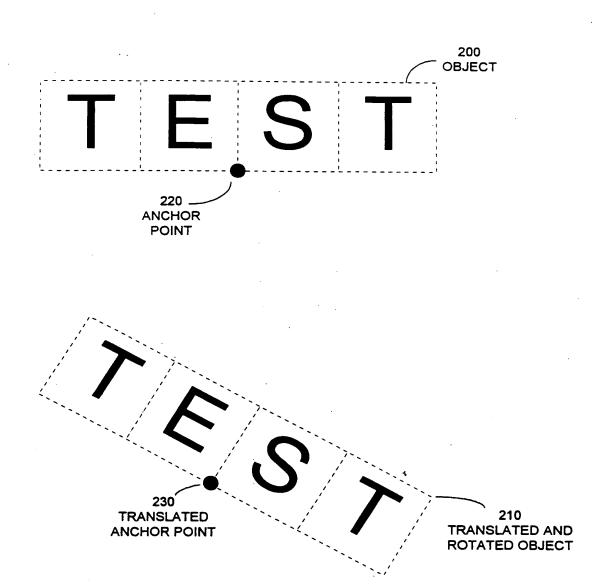


FIG. 2

M = M\_ANCHOR \* M\_RESIZE \* M\_SKEW \* M\_ROTATE \* M\_TRANSLATE

$$M\_ANCHOR = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ XANCHOR & YANCHOR & 1 \end{bmatrix}$$

$$M\_RESIZE = \begin{bmatrix} XRESIZE & 0 & 0 \\ 0 & YRESIZE & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$M\_SKEW = \begin{bmatrix} 1 & YSKEW & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$M\_ROTATE = \begin{bmatrix} COS(BETA) & SIN(BETA) & 0 \\ -SIN(BETA) & COS(BETA) & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$M\_TRANSLATE = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ XPOSITION & YPOSITION & 1 \end{bmatrix}$$

FIG. 3

410 DYNAMIC ARRAY OF ELEMENTS

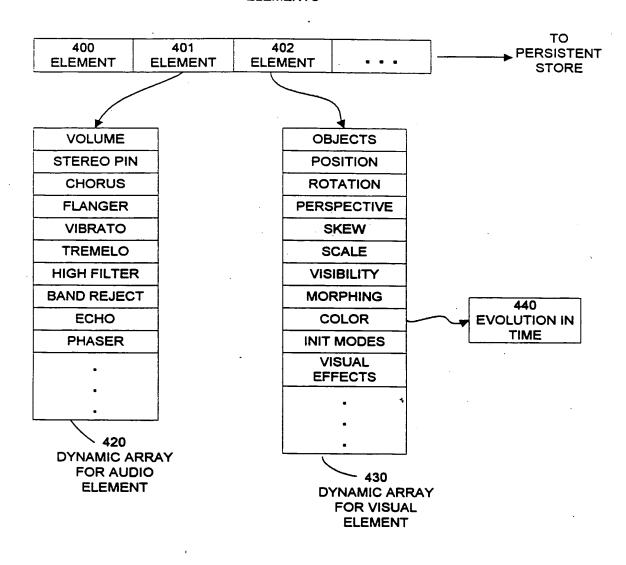


FIG. 4

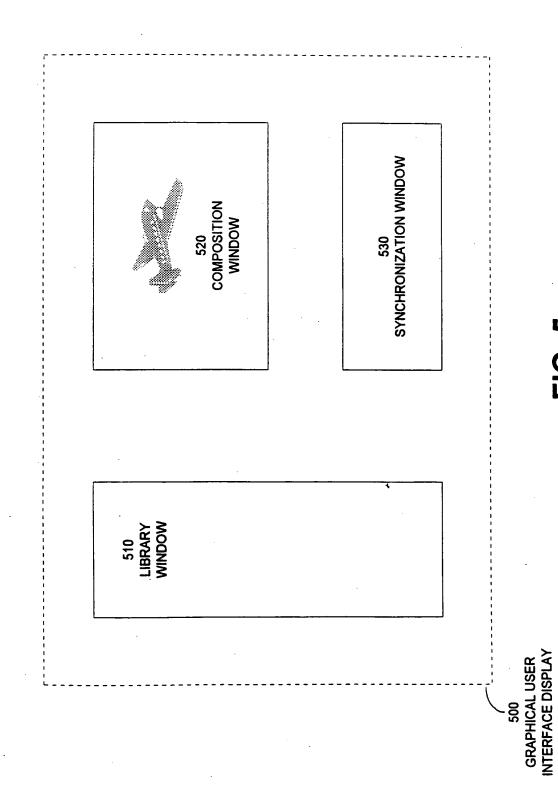


FIG. 5

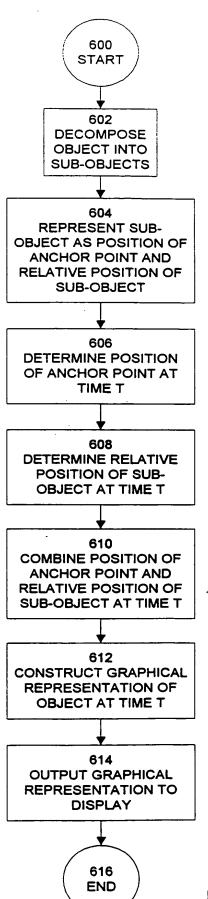
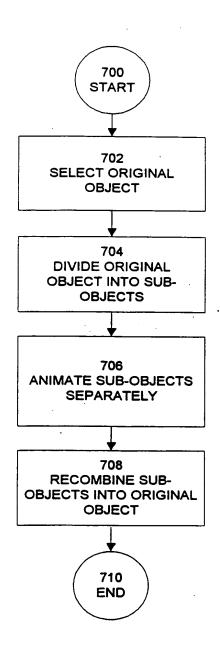


FIG. 6



**FIG. 7** 

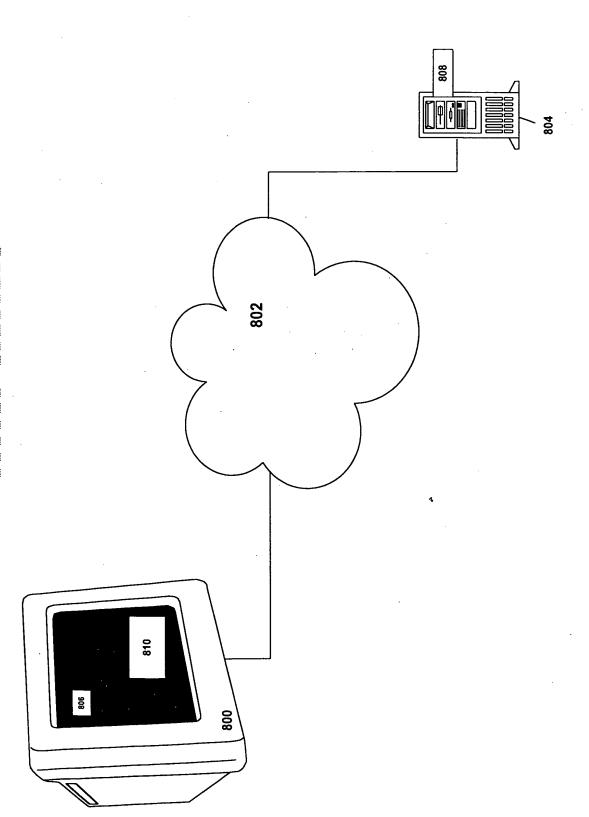


FIGURE 8

FIGURE 9